Data Incubator

Growing the Web of Data

Introduction

Data Incubator is focussed on creating and publishing Linked Data, particularly where that data is converted from pre-existing sources. Its approach is to organise people around popular datasets to create mappings to RDF, write conversion code and publish the resulting data. The goal of each of these projects is to use the skill and experience of the community to develop the conversions so the original data provider can very simply adapt the work and emit the linked data themselves.

To facilitate this process, DataIncubator.org provides

- A forum around which scraping and conversion efforts can be co-ordinated
- A web presence for that data (hosted in the Talis Platform) allowing it to become part of the Linked Data web
- A means to share scraping and conversion code that can be re-purposed not just by the community but also the original data owners

Get involved and join the mailing list.

Featured Project: Periodicals
A conversion of the journal metadata provided by the NLM and Highwire and the journal metadata provided for FTP download by the NLM.

Read More »

Links

Google Code

Mailing List

LINKINGOPENDATA

Semantic Web

Projects

OpenLibrary

OECD

NASA

Periodicals

Climbing Data

Office of National Statistics

Yahoo Weather

Discogs

Moseley Folk Festival

Our Airports

Linked Periodicals Data (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://periodicals.dataincubator.org/.html
Wikipedia (en)

Linked Periodicals Data

http://periodicals.dataincubator.org/

RDF/XML JSON Turtle

Search

Title	Linked Periodicals Data
Description	A conversion of the journal metadata provided by CrossRef, Highwire and the NLM.
Type	void:Dataset
URI regex pattern	http://periodicals.dataincubator.org/.+
Subsets	datasets:crossref datasets:highwire datasets:nlm
SPARQL endpoint	services:sparql
Example resources	groups:crossref-publishers groups:hirewire-publishers journal:electrical-engineering-japan journal:lunion-medicale-des-praticiens-francais journal:modern-healthcare-short-term-care-ed journal:work-employment-and-society organization:american-academy-pediatrics organization:sage-publications organization:wiley-blackwell-john-wiley-and-sons

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Electrical Engineering in Japan (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://periodicals.dataincubator.org/journal/electrical-engineering-japan.html
Wikipedia (en)

Electrical Engineering in Japan

http://periodicals.dataincubator.org/journal/electrical-engineering-japan

Search

Title	Electrical Engineering in Japan
Type	bibo:Journal
Publisher	organization:wiley-blackwell-john-wiley-and-sons
Subject	authorities:sh85041666
Subject	Electric engineering
DOI	10.1002/(ISSN)1520-6416
Homepage	http://dx.doi.org/10.1002/(ISSN)1520-6416
ISSN	0424-7760
EISSN	1520-6416

Same as

periodicals.dataincubator.org
periodicals.dataincubator.org

Done 115%

```
    <foaf:topic rdf:resource="http://periodicals.dataincubator.org/journal/electrical-engineering-japan"/>
  </rdf:Description>
- <rdf:Description rdf:about="http://periodicals.dataincubator.org/journal/electrical-engineering-japan.html">
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Document"/>
    <dc:format>text/html</dc:format>
    <rdfs:label>HTML</rdfs:label>
  </rdf:Description>
- <rdf:Description rdf:about="http://periodicals.dataincubator.org/journal/electrical-engineering-japan.json">
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Document"/>
    <dc:format>application/json</dc:format>
    <rdfs:label>JSON</rdfs:label>
  </rdf:Description>
- <rdf:Description rdf:about="http://periodicals.dataincubator.org/journal/electrical-engineering-japan.turtle">
    <rdf:type rdf:resource="http://purl.org/dc/dcmitype/Text"/>
    <rdf:type rdf:resource="http://xmlns.com/foaf/0.1/Document"/>
    <dc:format>text/plain</dc:format>
    <rdfs:label>Turtle</rdfs:label>
  </rdf:Description>
- <rdf:Description rdf:about="http://periodicals.dataincubator.org/journal/electrical-engineering-japan">
    <dct:title>Electrical Engineering in Japan</dct:title>
    <dc:subject>Electric engineering</dc:subject>
    <bibo:doi>10.1002/(ISSN)1520-6416</bibo:doi>
    <rdf:type rdf:resource="http://purl.org/ontology/bibo/Journal"/>
    <foaf:homepage rdf:resource="http://dx.doi.org/10.1002/(ISSN)1520-6416"/>
    <dct:publisher rdf:resource="http://periodicals.dataincubator.org/organization/wiley-blackwell-john-wiley-and-sons"/>
    <bibo:issn>0424-7760</bibo:issn>
    <bibo:eissn>1520-6416</bibo:eissn>
    <dct:subject rdf:resource="http://id.loc.gov/authorities/sh85041666"/>
    <owl:sameAs rdf:resource="http://periodicals.dataincubator.org/issn/0424-7760"/>
    <owl:sameAs rdf:resource="http://periodicals.dataincubator.org/eissn/1520-6416"/>
  </rdf:Description>
</rdf:RDF>
```

```
            value: "Electrical Engineering in Japan",
            type: "literal"
        }
    ],
  - http://purl.org/dc/elements/1.1/subject: [
      - {
            value: "Electric engineering",
            type: "literal"
        }
    ],
  - http://purl.org/ontology/bibo/doi: [
      - {
            value: "10.1002/(ISSN)1520-6416",
            type: "literal"
        }
    ],
  - http://www.w3.org/1999/02/22-rdf-syntax-ns#type: [
      - {
            value: http://purl.org/ontology/bibo/Journal,
            type: "uri"
        }
    ],
  - http://xmlns.com/foaf/0.1/homepage: [
      - {
            value: http://dx.doi.org/10.1002/(ISSN)1520-6416,
            type: "uri"
        }
    ],
  - http://purl.org/dc/terms/publisher: [
      - {
            value: http://periodicals.dataincubator.org/organization/wiley-blackwell-
            john-wiley-and-sons,
            type: "uri"
```

OpenLibrary Data (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://ol.dataincubator.org/.html
Wikipedia (en)

OpenLibrary Data

http://ol.dataincubator.org/

RDF/XML JSON Turtle

Search browse resources

Title	OpenLibrary Data
Description	A conversion of the OpenLibrary JSON dumps. Currently this is only a sample of 191610 records (out of about 20 million) which corresponds to 4927472 triples.
Creator	Ian Davis
Subject	sh85079330:concept
License	http://www.opendatacommons.org/odc-public-domain-dedication-and-licence/
URI regex pattern	http://ol.dataincubator.org/.+
SPARQL endpoint	services:sparql
Vocabularies used	Misc. Open Library Terms (temporary) OpenVocab Dublin Core The Bibliographic Ontology Music Ontology BIO (Biographical Information) FRBR OWL SKOS FOAF
Source	http://openlibrary.org/
Rights statement	The OpenLibrary data, as factual information, is in the public domain. This derived dataset is also public domain and is explictly licensed using the Open Data Commons Public Domain Dedication and License
Example resources	John A. T. Robinson James Duncan Lawrence G. B. Adams http://ol.dataincubator.org/a/OL971905A

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The hobbit, or, There and back again (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://ol.dataincubator.org/b/OL2846909M.html
Wikipedia (en)

The hobbit, or, There and back again

http://ol.dataincubator.org/b/OL2846909M

RDF/XML JSON Turtle

Search browse resources

Preferred label	The hobbit, or, There and back again
Title	hobbit, or, There and back again
Description	Bilbo Baggins, a respectable, well-to-do hobbit, lives comfortably in his hobbit-hole until the day the wandering wizard Gandalf chooses him to share in an adventure from which he may never return.
Type	frbr:Manifestation
Creator	http://ol.dataincubator.org/a/OL26320A
Contributor	Hague, Michael, ill.
Publisher	Houghton Mifflin
Subjects	Baggins, Bilbo (Fictitious character) -- Fiction. Baggins, Bilbo (Fictitious character) Middle Earth (Imaginary place)--Fiction Fiction Fantasy
ol:by_statement	J.R.R. Tolkien ; illustrated by Michael Hague.
ol:dewey_decimal_class	[Fic]
Number of pages	290
ol:publish_country	mau
List of authors	groups:784276
13 digit ISBN	9780395362907
ol:pagination	290 p. :
Language	eng
Alternative labels	Hobbit. There and back again.
List of contributors	groups:784275
LCCN	84009023

Done 115%

NASA Space Flight & Astronaut data

http://nasa.dataincubator.org/

RDF/XML JSON Turtle

Search

Title	NASA Space Flight & Astronaut data
Description	Conversion of various NASA datasets into RDF, starting with the spacecraft data from the NSSDC master catalog
Type	void:Dataset
URI regex pattern	http://nasa.dataincubator.org/.+
SPARQL endpoint	services:sparql
Sources	http://history.nasa.gov/SP-4029/Apollo_00a_Cover.htm http://nssdc.gsfc.nasa.gov/nmc/
Example resources	spacecraft:1957-001B spacecraft:1969-059A spacecraft:1977-084A

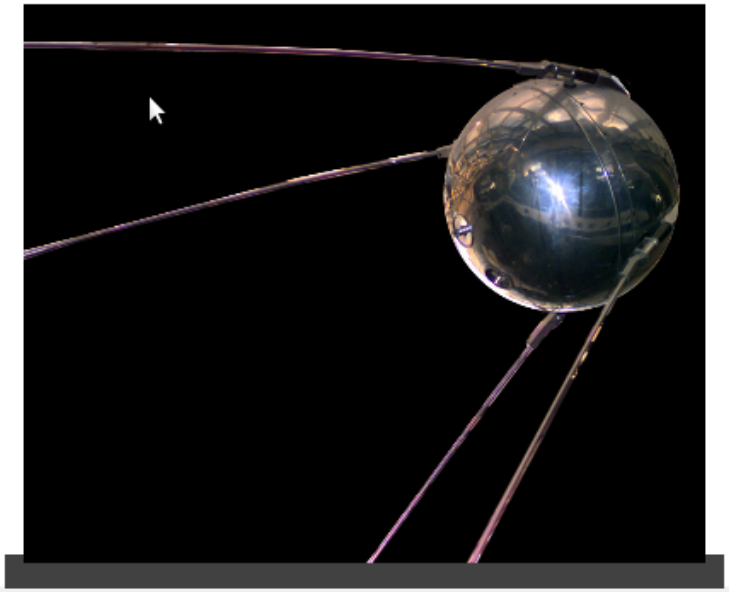
Sputnik 1 (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://nasa.dataincubator.org/spacecraft/1957-001B.html
Wikipedia (en)

Sputnik 1

http://nasa.dataincubator.org/spacecraft/1957-001B

RDF/XML JSON Turtle

Search

Name	Sputnik 1
Description	The Sputnik 1 spacecraft was the first artificial satellite successfully placed in orbit around the Earth and was launched from Baikonur Cosmodrome at Tyuratam (370 km southwest of the small town of Baikonur) in Kazakhstan, then part of the former Soviet Union. The Russian word "Sputnik" means "companion" ("satellite" in the astronomical sense).
Type	space:Spacecraft
Picture	
Alternate name	00002
Disciplines	Earth Science Space Physics
space:internationalDesignator	1957-001B
Mass	83.6
Agency	U.S.S.R

http://nssdc.gsfc.nasa.gov/planetary/image/sputnik_asm.jpg
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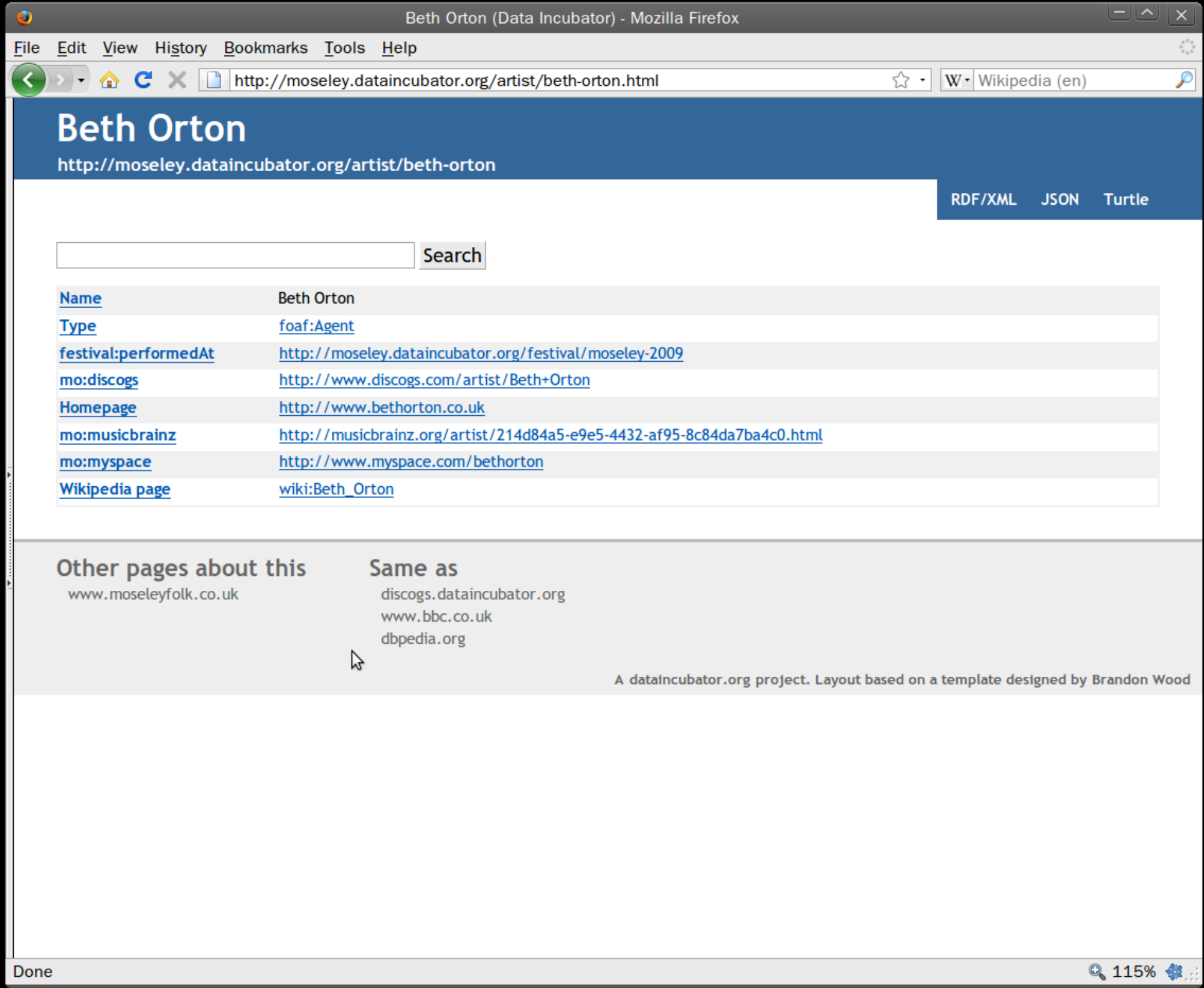
Moseley Folk Festival Data

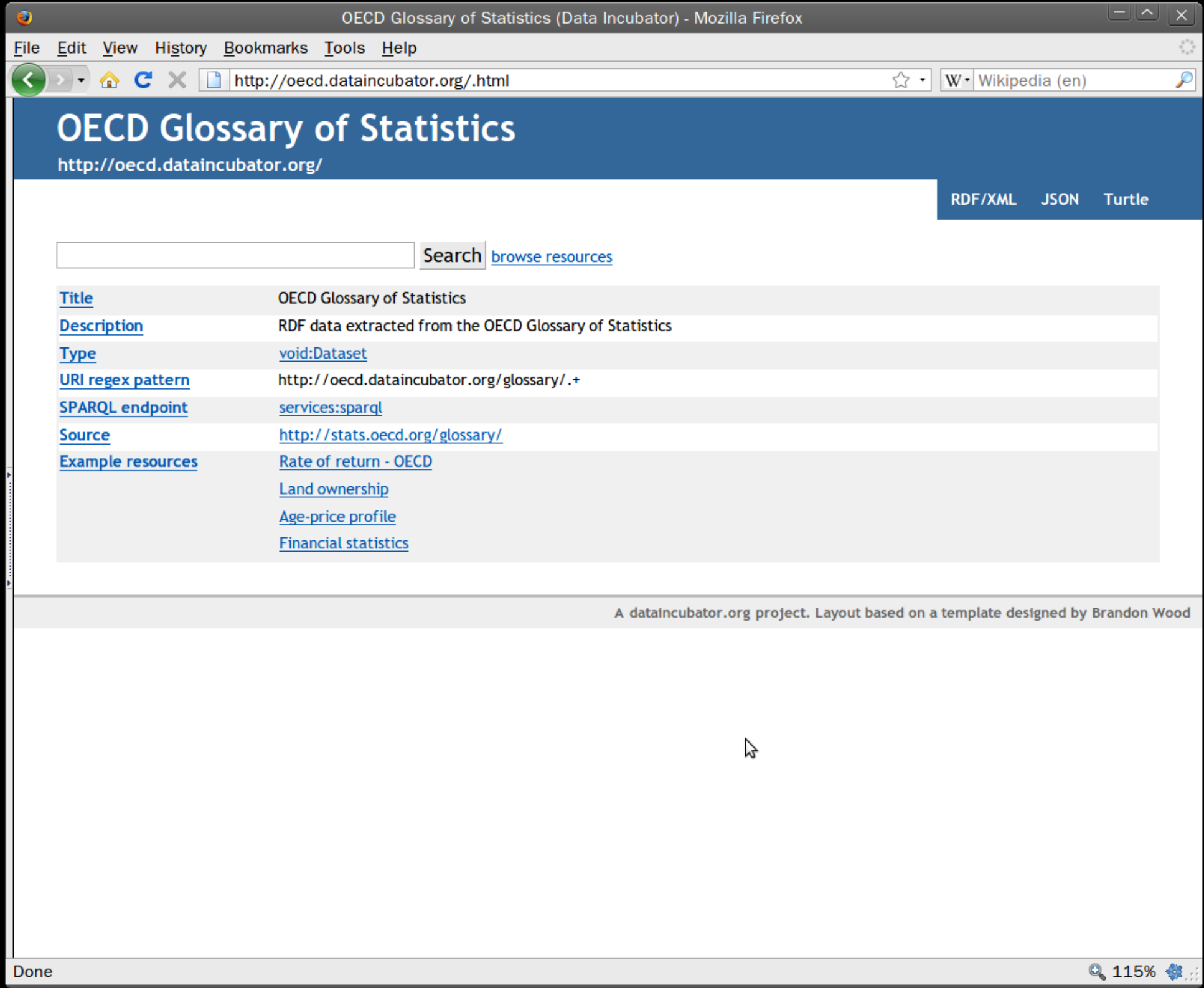
http://moseley.dataincubator.org/

RDF/XML JSON Turtle

Search

Title	Moseley Folk Festival Data
Description	Artist information for the Moseley Folk Festival from 2006-2009
Type	void:Dataset
License	http://creativecommons.org/publicdomain/zero/1.0/
URI regex pattern	http://moseley.dataincubator.org/.+
SPARQL endpoint	services:sparql
Vocabularies used	http://purl.org/dc/terms/ http://purl.org/ontology/mo/ http://www.w3.org/2002/07/owl# http://xmlns.com/foaf/0.1/
Source	http://www.moseleyfolk.co.uk/
Date issued	14 July 2009 [xsd:date]
Rights statement	This data has been placed into the Public Domain
Example resources	artist:beth-orton festival:moseley-2009
URI lookup point	http://api.talis.com/stores/moseley/meta?about=


Beth Orton (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://moseley.dataincubator.org/artist/beth-orton.html
Wikipedia (en)
Beth Orton
http://moseley.dataincubator.org/artist/beth-orton
RDF/XML JSON Turtle
Search
Name Beth Orton
Type foaf:Agent
festival:performedAt http://moseley.dataincubator.org/festival/moseley-2009
mo:discogs http://www.discogs.com/artist/Beth+Orton
Homepage http://www.bethorton.co.uk
mo:musicbrainz http://musicbrainz.org/artist/214d84a5-e9e5-4432-af95-8c84da7ba4c0.html
mo:myspace http://www.myspace.com/bethorton
Wikipedia page wiki:Beth_Orton
Other pages about this
www.moseleyfolk.co.uk
Same as
discogs.dataincubator.org
www.bbc.co.uk
dbpedia.org
A dataincubator.org project. Layout based on a template designed by Brandon Wood
Done
115%


OECD Glossary of Statistics (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://oecd.dataincubator.org/.html
Wikipedia (en)
OECD Glossary of Statistics
http://oecd.dataincubator.org/
RDF/XML JSON Turtle
Search
browse resources
Title
OECD Glossary of Statistics
Description
RDF data extracted from the OECD Glossary of Statistics
Type
void:Dataset
URI regex pattern
http://oecd.dataincubator.org/glossary/.+
SPARQL endpoint
services:sparql
Source
http://stats.oecd.org/glossary/
Example resources
Rate of return - OECD
Land ownership
Age-price profile
Financial statistics
A dataincubator.org project. Layout based on a template designed by Brandon Wood
Done
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Office for National Statistics Data (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://ons.dataincubator.org/.html
Wikipedia (en)

Office for National Statistics Data

http://ons.dataincubator.org/

RDF/XML JSON Turtle

Search browse resources

Title	Office for National Statistics Data
Description	A conversion of taxonomies and data from the UK Office for National Statistics
Type	void:Dataset
Creator	Ian Davis
URI regex pattern	http://ons.dataincubator.org/.+
Vocabularies used	Dublin Core SKOS
SPARQL endpoint	services:sparql
Source	http://www.statistics.gov.uk/
Rights statement	The data and text in this dataset scheme is under Crown Copyright. This conversion to linked data is conducted under click-use licence number C2009001009 held by Ian Davis
Example resources	UK Standard Industrial Classification of Economic Activities 2007 (SIC 2007) Standard Occupational Classification 2000 (SOC2000) Job titles classified under the Standard Occupational Classification 2000 (SOC2000) maintained by the Office of National Statistics.
URI lookup point	http://api.talis.com/stores/ons/meta?about=

See also

groups.google.com
code.google.com

Done 115%

LEISURE AND OTHER PERSONAL SERVICE OCCUPATIONS (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://ons.dataincubator.org/soc2000/62.html
Wikipedia (en)

LEISURE AND OTHER PERSONAL SERVICE OCCUPATIONS

http://ons.dataincubator.org/soc2000/62

RDF/XML JSON Turtle

Search browse resources

Preferred label	LEISURE AND OTHER PERSONAL SERVICE OCCUPATIONS
Type	skos:Concept
Identifier	62
Narrower concepts	Leisure And Travel Service Occupations
	Hairdressers And Related Occupations
	Housekeeping Occupations
	Personal Services Occupations n. e. c.
Scheme	Standard Occupational Classification 2000 (SOC2000)
Broader concept	PERSONAL SERVICE OCCUPATIONS

Done
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Discogs

http://discogs.dataincubator.org/

RDF/XML JSON Turtle

Search

Title	Discogs
Description	Conversion of the Discogs data export into RDF. Includes artists, labels and releases.
Type	void:Dataset
License	http://creativecommons.org/publicdomain/zero/1.0/
URI regex pattern	http://discogs.dataincubator.org/.+
SPARQL endpoint	services:sparql
Vocabularies used	http://purl.org/dc/terms/ http://purl.org/ontology/mo/ http://rdfs.org/sioc/ns# http://www.w3.org/2002/07/owl# http://www.w3.org/2003/12/exif/ns# http://xmlns.com/foaf/0.1/
Source	http://www.discogs.com
Rights statement	The Discogs dataset has already been placed into the public domain, and this dataset conversion is similarly explicitly placed into the Public Domain using the Creative Commons CC0 waiver.
Date issued	4 July 2009 [xsd:date]
Example resources	artist:ice-cube artist:josh-wink artist:quantic artist:radiohead
URI lookup point	http://api.talis.com/stores/discogs/meta?about=

Ice Cube (Data Incubator) - Mozilla Firefox
File Edit View History Bookmarks Tools Help
http://discogs.dataincubator.org/artist/ice-cube.html
Wikipedia (en)

Ice Cube

http://discogs.dataincubator.org/artist/ice-cube

RDF/XML JSON Turtle

Search

Names	Ice Cube O'Shea Jackson
Description	Ice Cube began his career with the notorious gangsta rap group N.W.A. He broke away at the height of their national notoriety. On his initial solo release, 1990's Amerikkka's Most Wanted, Ice Cube injected virulent political and cultural rhetoric that stepped above N.W.A's gangbanging braggadocio. Ice Cube squashed the bi-coastal rap rivalry and collaborated with New York's hip-hop heavyweights Public Enemy. Their production team, the Bomb Squad, produced Amerikkka's Most Wanted. Ice Cube became a lightning rod for attracting attacks from rock critics and moralists for his lyrical content. Time has shown that the ruthless words and pointed imagery on both Amerikkka's Most Wanted and 1991's pre-LA riots Death Certificate were not included for shock-value. The message construed in his rhymes presaged Los Angeles's incendiary reaction to the outcome of the Rodney King trial. America was now listening to Ice Cube. Death Certificate debuted at #1 on the R&B Album chart and #2 on the Top 200 Album chart. In 1992, Ice Cube continued his vocal incursion into suburban America with a role in John Singleton's epic film on South Central LA, Boyz In The Hood and by touring on the second Lollapalooza. His next release, The Predator, galvanized him as the premiere multi-platinum West Coast hip-hop G. It debuted at #1 on both the R&B and Top 200 Album charts. The Predator was an epilogue to the LA riots and while "It Was A Good Day" provides a hassle-free moment in a Compton day, there is still dissonance in Ice Cube's America. 1993's Lethal Injection sees Ice Cube morphing into his "Don Mega" persona that permeates his War & Peace albums and projects with Westside Connection. These first four albums set him up for his later successes. In addition to his War & Peace two-album series, Ice Cube has recently starred in The Friday After Next, the 3rd installment of his multi-million dollar earning Friday movie franchise, Player's Club and the critically praised Barbershop.
Type	mo:MusicArtist
Pictures	
mo:discogs	http://www.discogs.com/artist/Ice+Cube
Made	track:12
mo:myspace	http://www.myspace.com/icecube
Wikipedia page	wiki:Ice_Cube

Other pages about this See also Same as

Done
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